

Appendix I – Partners Quotes

Dell

“As a significant global data centre hub and leading innovator in the region, Singapore is in an ideal position to trial the world’s first proof-of-concept tropical data centre. Dell believes technology and innovation play important roles to better mitigate the impact on our environment. This initiative by IDA is aligned with Dell’s pledge to reduce carbon emission through our products and processes and help our customers reduce theirs. Through our focus on sustainability, we have created data centre technology and solutions that can run in high ambient temperature operations and look forward to partnering with IDA on this project,”

Mr. Chang Tsann, Director, Professional Services, Asia Pacific and Japan, Dell, and Chair, The Green Grid Singapore Steering Committee

ERS

“ERS is privileged to be invited as a partner in the Tropical data centre hub. We look forward to contributing positively to the success of this project. With our award winning energy-efficient rack, ERS is confident its participation will help enhance Singapore’s position as a responsible Green Data Centre Hub”

Mr. Tony Lee, Chairman of ERS Industries Pte Ltd.

Fujitsu

“Environmental sustainability has always formed a core part of Fujitsu's business. We are very proud to be involved in this world-first trial by IDA in efforts to further drive Singapore’s Smart Nation vision. We believed that Fujitsu’s innovation in liquid-cooled servers using Cool-safe® technology and server management software will lend its role in this forward-thinking initiative. Whether it is being a strong advocate for green data centres through international organisations such as The Green Grid or offering sustainable products to our customers, Fujitsu is committed to helping resolve global environmental issues through the power of ICT.”

Mr. Wong Heng Chew, Country President, Fujitsu Singapore

Hewlett Packard Enterprise

“HPE is pleased to participate in this partnership and is confident that our family of servers can help to significantly reduce global energy consumption. For example, our ProLiant Gen9 servers can deliver up to 62 percent savings in total cost of operations over three years, including reduced energy costs. As global leaders in data centre infrastructure, services and solutions such as ProLiant and Moonshot servers, we continually innovate to reduce energy consumption across the entire data centre and always consider the environmental impact of our offerings. In addition, we advocate for partnerships between industry stakeholders, facilities and IT organizations to enable accelerated efficiencies and cost savings without compromising on performance.”

Mr. Khai Peng Loh, Managing Director, Singapore, Hewlett Packard Enterprise

Huawei

“With greater computational and storage capabilities, large and ultra-large data centers form the backbone of technologies that are enabling Smart Nation. Yet service providers face daunting challenges with high energy demand and maintenance costs. Green data centers will be key to reducing energy demands, carbon emissions and maintenance expenditures. Huawei supports IDA’s efforts in Green DC initiatives through investments in R&D capabilities and end-to-end ICT solutions.”

Mr. Lei Hui, CEO, Huawei International

Intel

“Reliable and efficient data centres are key to shaping the future of smart nations and cities, especially with billions of ‘things’ poised to be connected to the cloud. This proof-of-concept trial is important not just for Singapore; it is a critical step in addressing the design and management of next-generation data centres in all countries with tropical temperatures and high humidity. We look forward to working with IDA in pushing the boundaries of data centre technology and jointly reviewing the results of the trial later this year.”

Mr. Sumner Lemon, Country Manager, Intel Malaysia & Singapore

Keppel Telecommunications & Transportation

“The digital revolution we are currently experiencing is fuelling a big data boom, in turn necessitating greener and more efficient data centres. With more than a decade of experience in building, managing and operating data centres in Singapore, the Asia Pacific

and Europe, Keppel Data Centres is pleased to partner with IDA on the Green Data Centre Programme and advance Singapore's Smart Nation Initiative."

Mr. Thomas Pang, Chief Executive Officer of Keppel Telecommunications & Transportation

Nanyang Technological University

"NTU has built up significant industry-based expertise in test-bedding modular data centres and significant capability in data science over the past decade. Through its School of Computer Science and Engineering, NTU is well positioned to support and develop new data centre technologies that are more efficient and optimised for tropical conditions."

Prof. Chen Tsuhan, Dean of Nanyang Technological University's College of Engineering